

ABSTRACT

A dual band antenna (1) for a wireless communication device includes an insulative substrate (10), a feeder (40) and a conductive element (20) disposed on the substrate includes a ground portion (30), a first radiating portion (21), a second radiating portion (22), a first connecting portion (23) connecting the first radiating portion with the ground portion and a second connecting portion (25) connecting the first radiating portion and the second radiating portion. The second radiating portion symmetrically forms a pair of arms (221, 222). The feeder includes an inner core (41) connecting to the second connecting portion and an outer shield (42) connecting to the ground portion.